



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Our Case No. 1723-14140US02)

In the Application of:

Jesse R. Miller, *et al.*

Serial No.: 10/731,300

Filing Date: December 8, 2003

Examiner: John M. Corbett

Group Art Unit: 2882

For: METHOD AND APPARATUS
FOR X-RAY DIFFRACTION
ANALYSIS

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2006.

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By: Michael B Harlin
Michael B. Harlin
Reg. No. 43,658

**AMENDMENT SUBMITTED WITH
REQUEST FOR CONTINUED EXAMINATION**

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants submit this Amendment in response to the Final Office Action dated May 5, 2006 and the Advisory Action dated August 3, 2006. This response is being filed as a submission with a Request for Continued Examination. A Petition for a Two Month Extension of Time is also being filed, extending the period for response to the Final Office Action until October 5, 2006. Applicants request reconsideration based on the following amendments and remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 4 of this paper.